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ENHGS-1600
16 Port Gigabit Switch

General Descriptions

Encore's ENHGS-1600 is a full-featured 16-port Gigabit Ethernet Switch that provides Ethernet direct connection to local area network or individual PC with built-in 16-port switch. ENHGS-1600 uses advanced Vitesse gigabit Ethernet chipset solution with complete set of industry standard features for high-speed Internet access. The ENHGS-1600 offers easy installation and cost-effective connection for corporate and government users. ENHGS-1600 Gigabit Ethernet Switch complies with FCC Part 15 regulations and CE approval.

Features and Benefits

- Supports 16 10/100/1000 Mbps gigabit switching ports
- Supports 10/100Mbps Half/Full duplex and 1000Mbps Full duplex flow control and auto-negotiation
- Supports IEEE 802.3x flow control for Full duplex and back pressure for Half duplex
- Supports Store-and-forward architecture
- Supports Auto MDI/MDI-X function
- Supports up to 9KB Jumbo Frame
- Supports up to 8K MAC Address Table
- Provides 320KB Buffer Memory

Specifications

Data Transfer Rates	10Mbps, 100Mbps and 1000Mbps
Protocol	IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T; IEEE 802.3x Full Duplex Flow Control
MAC Address Table	8KB
Packet Buffer Memory	On chip 320KB Buffer Memory per device
Switch Fabric	31Gbps Forwarding Capacity
Transmission Method	Store-and-Forward
Connector	RJ-45 x 16
Power Consumption	19W
Dimensions (app.)	440mm (length) x 141mm (width) x 44mm (height)
Net Weight (app.)	1500 g
Power Supply	AC 100~240V 50/60Hz Internal Universal Power
Operating Temperature	0°C ~ 40°C (32° ~ 104°F) ambient
Humidity	5 % ~ 95 % (non-condensing)
Storage Temperature	-10°C ~ 55°C (14° ~ 131°F)
Regulations	FCC part 15 Class A, CE, RoHS Compliant